

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	5319443
<b>Application Number:</b>	10572725
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	6890
<b>Title of Invention:</b>	Direct conversion rf front-end transceiver and its components
<b>First Named Inventor/Applicant Name:</b>	Seon Ho Han
<b>Customer Number:</b>	26530
<b>Filer:</b>	Woochoon William Park/Louise Johnson
<b>Filer Authorized By:</b>	Woochoon William Park
<b>Attorney Docket Number:</b>	CU-4700 WWP
<b>Receipt Date:</b>	12-MAY-2009
<b>Filing Date:</b>	21-MAR-2006
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<b>Application Type:</b>	U.S. National Stage under 35 USC 371

### Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$180
RAM confirmation Number	1065
Deposit Account	120400
Authorized User	

### File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
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1		IDSCU4700.pdf	1652445	yes	2
			70203d8150a8b741a4e1e6d34a3801a05a8667		
Multipart Description/PDF files in .zip description					
Document Description			Start	End	
Transmittal Letter			1	1	
Information Disclosure Statement (IDS) Filed (SB/08)			2	2	
Warnings:					
Information:					
2	Foreign Reference	JP63-272107.pdf	381839	no	9
			77ca8115e98a09189c542b1d1e87ca8171a965b		
Warnings:					
Information:					
3	Foreign Reference	JP-S6448941.pdf	955439	no	25
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Warnings:					
Information:					
4	Foreign Reference	JP07-095110.pdf	942582	no	15
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Warnings:					
Information:					
5	Foreign Reference	JP11-055033.pdf	982381	no	12
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Warnings:					
Information:					
6	Foreign Reference	JP11-289229.pdf	586554	no	9
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Warnings:					
Information:					
7	Foreign Reference	JP11-331011.pdf	687689	no	9
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8	Foreign Reference	JP2001-016282.pdf	1982644	no	42
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<b>Information:</b>					
9	Foreign Reference	JP2003-152535.pdf	940778 12e620a3db46acae84865a6d11b672e2b6f9	no	12
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10	Foreign Reference	JP2003-298355.pdf	463788 020156129709138de4a634923abcbe98e05d8	no	9
<b>Warnings:</b>					
<b>Information:</b>					
11	Fee Worksheet (PTO-875)	fee-info.pdf	30014 c21d27e413646141b112d82f92e5c5ad84eb679	no	2
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<b>Information:</b>					
<b>Total Files Size (in bytes):</b>			9606153		
<p>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</p> <p><b><u>New Applications Under 35 U.S.C. 111</u></b>          If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><b><u>National Stage of an International Application under 35 U.S.C. 371</u></b>          If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> <p><b><u>New International Application Filed with the USPTO as a Receiving Office</u></b>          If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p>					